

PRELIMINARY ISSUE



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

POSITIVE RECALL

EFFECTIVE DATE 10-01-22 AUTH 11

RELEASED 9 9-89

DATE 10-01-22

D5795-13

Job Sheet 206997



ok to release @ Rev A per ECW 20-521

Part No: D5795-13

Job Qty: 24 pcs

Part Name: Support



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/14/20

Job Tracking No:

Due Date: 3/13/20

Created By: Linda Lacelle

Type: Stock

Description:

Note: DWG 5795 REV.A8 IPP REV:A NEW ISSUE 20.31.01 JV VERF:DD

Ship Via:

## Bill of Materials

## Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Large Fab - Basket - 1	24 pcs	3/13/20		0.00	2.40	Large Fab - 1		MAC
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		
							Large Fab - 9		
							Large Fab - 11 (Various)		
							Large Fab - 12		
110	QC 5	24 pcs	3/13/20		0.00	0.00	QC 5 - 10		DAS 9 10-01-22 9-89
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		



Container No: S257072



Part: D5795-13

Job No: 206997

Serial No/Batch: S257072

Revision: REV.A

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.  
1273 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

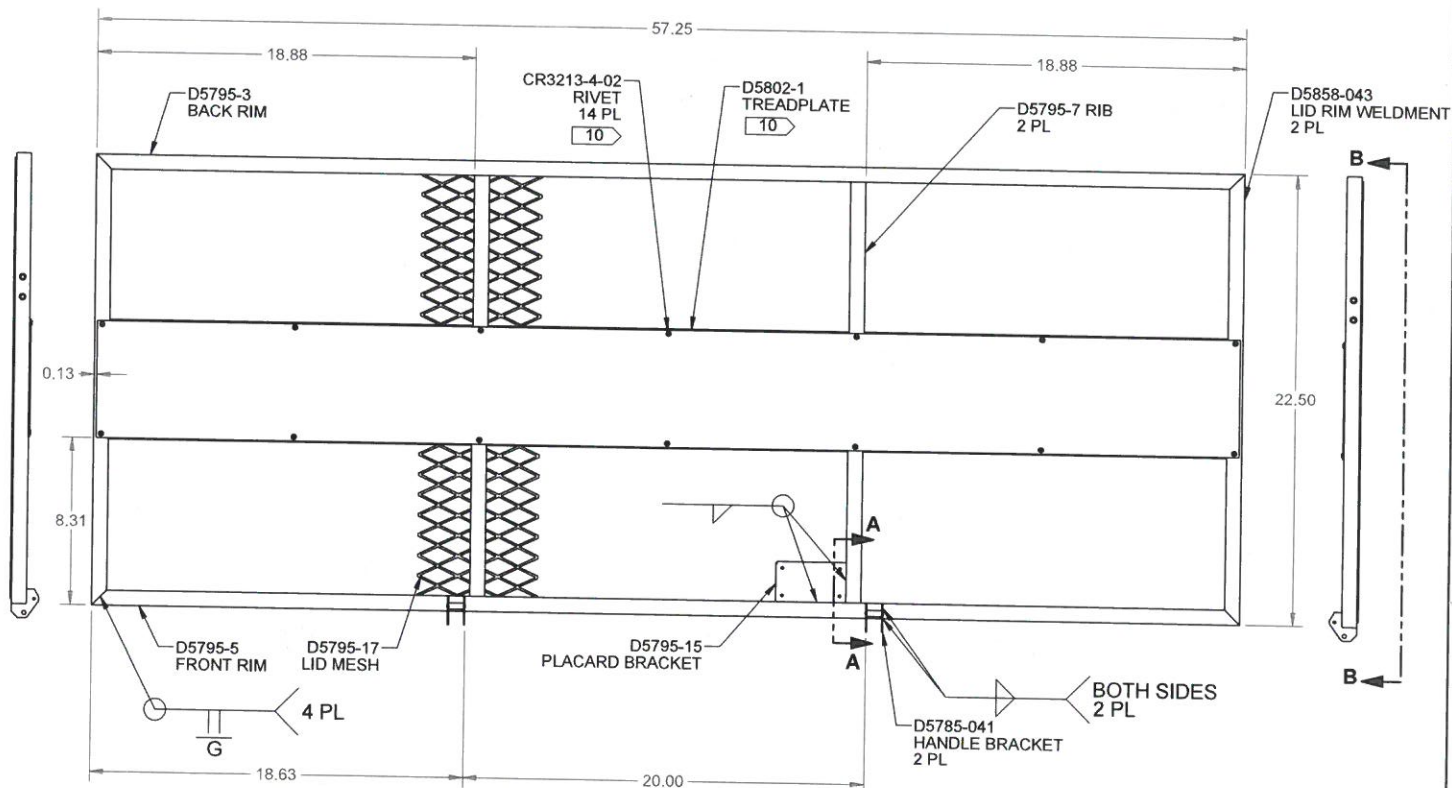
Date: 02/20/20



120	Packaging 3-1 - Stock - B4B 24 pcs	3/13/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	ML
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
130	QC 21 - SA 24 pcs	3/13/20	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	DAS
				QC 21 - SA - 53	21
Part Op 100 - 1- Cut stringer as per dwg 2- Deburr Descriptions: 110 - QC5- Inspect part completeness to step on W/O 120 - Identify as per dwg & Stock Location: <i>W/40012</i> 130 - QC21- Final Inspection - Work Order Release					
<b>Job BOM</b>					
<b>Part / Item</b>	<b>Component Name</b>	<b>Quantity</b>	<b>Operation</b>	<b>Container</b>	
M4130NTS0.500W.035	4130 Square Tube .500 X .500 X .035W	36.4584 ft (1.5191 ea)	100-Large Fab - Basket - 1	<i>M134588</i>	
<b>Job Allocations</b>					
<b>Operation</b>	<b>Component Part</b>	<b>Required</b>	<b>Inventory</b>	<b>Allocated</b>	
100-Large Fab - Basket - 1	M4130NTS0.500W.035	36	151	0	
<b>Part Specifications</b>					
Specifications could not be found.					



QTY -041	P/N	DESCRIPTION
X	D5795-041	SHORT LID ASSY
2	D5785-041	HANDLE BRACKET
4	D5795-3	BACK RIM
1	D5795-5	FRONT RIM
2	D5795-7	RIB
2	D5795-11	STRINGER
4	D5795-13	STRINGER
1	D5795-15	PLACARD BRACKET
1	D5795-17	LID MESH
1	D5802-1	TREADPLATE
2	D5853-045	LID RIM WELDMENT
14	CR3213-4-02	RIVET



**SECTION A-A**  
SCALE 2X

**D5795-041 SHORT LID ASSY**  
(DERIVED FROM AERO DESIGN P/N 77612-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

PRELIMINARY ISSUE

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3.
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5795-041" AND SERIAL NUMBER PER DART QSI 044 6.6
- 7) WEIGHT: 14.15 lbs
- 8) WELD PER DART QSI 004
- 9) DRILL #30 ( $\phi 0.129$ ) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) INSTALL TREADPLATE AFTER FINISH. TRANSFER MARK AND DRILL HOLES  $\phi 0.129/0.132$  FROM TREADPLATE TO LID. FAY SEAL TO SURFACES BETWEEN LID AND TREADPLATE WITH RTV SILICONE. SECURE TREADPLATE WITH RIVETS.
- 11) WELD EVERY MESH INTERSECTION ALONG RIM.
- 12) FOR EACH RIB, WELD FIRST 5 MESH INTERSECTIONS DOWN EACH END THEN EVERY 2ND MESH INTERSECTION.
- 13) FOR EACH STRINGER, WELD EVERY 2ND MESH INTERSECTION.

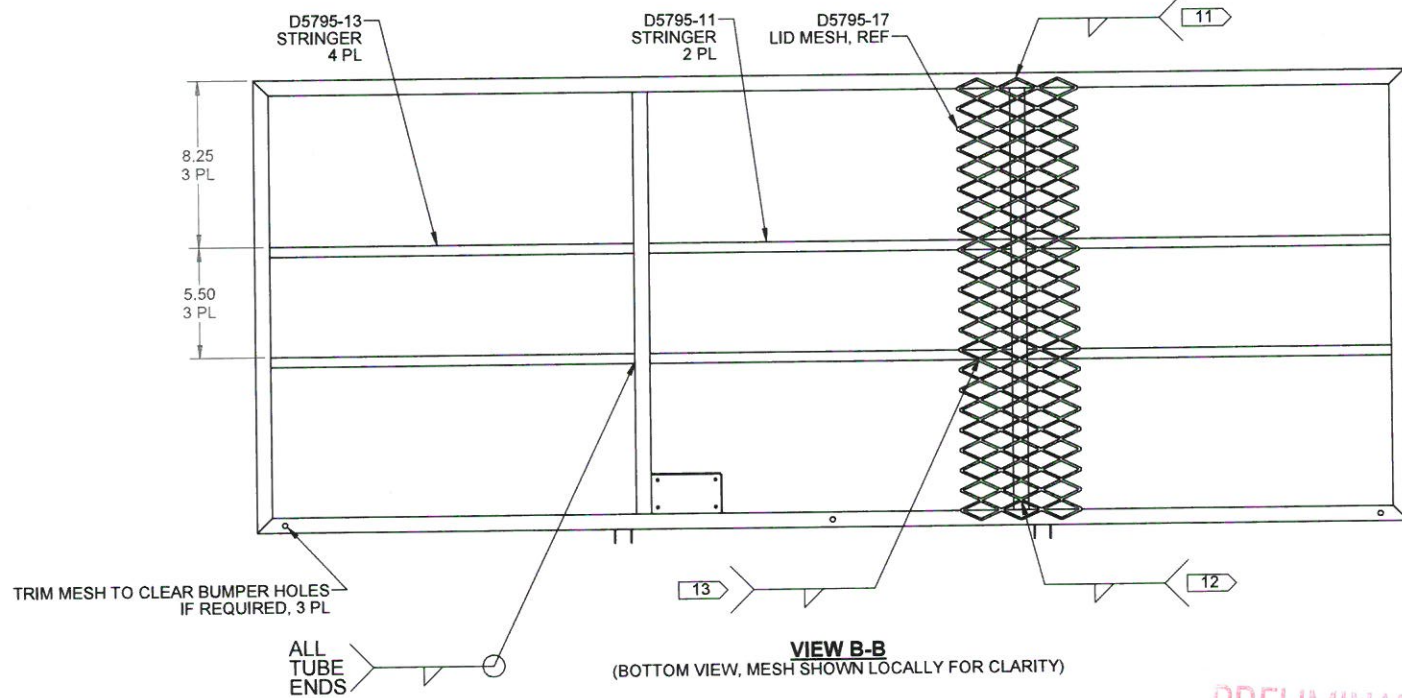
PRELIMINARY ISSUE

REV.	DESCRIPTION	ZF	DATE
A	NEW ISSUE	BY	20.01.15
DESIGN	ZF		
DRAWN	ZF		
CHECKED	KPT		
MFG. APPR.	DD		
APPROVED			
DE APPR.			
DATE	20.01.15		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D5795** REV. A6  
SHEET 1 OF 6  
TITLE **SHORT LID ASSY** SCALE NTS

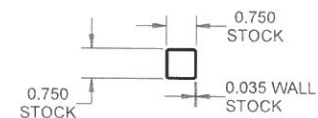
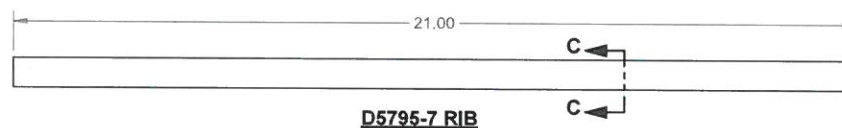
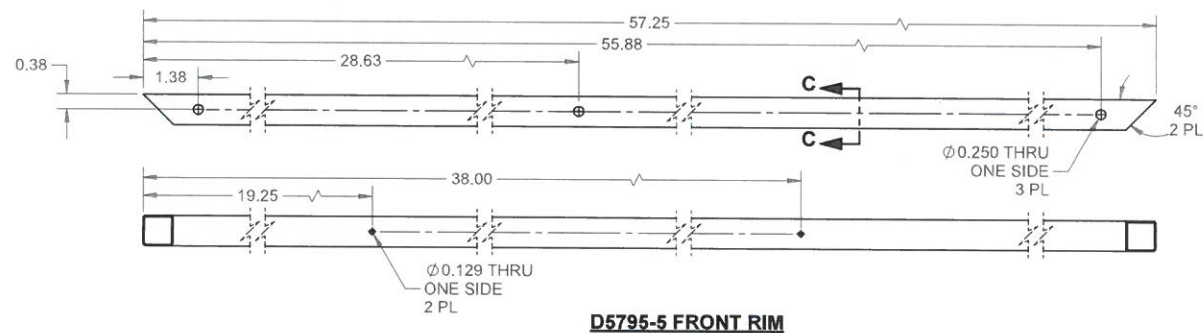
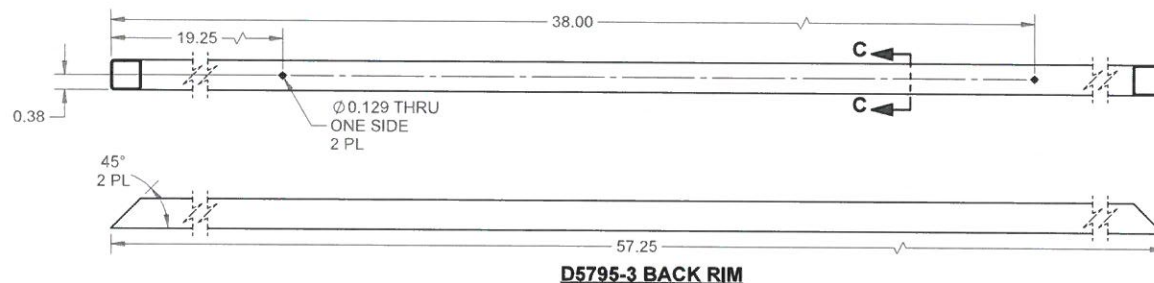
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PRELIMINARY ISSUE

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DRAWN	ZF		
CHECKED	KPT	DRAWING NO.	REV. A6
MFG. APPR.	DD	<b>D5795</b>	SHEET 2 OF 6
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT LID ASSY</b>	NTS
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**SECTION C-C**

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6370/6361/6362/6373/6374  
REF DART SPEC M4130N-TS
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -3/-5: 1.55 lbs  
-7: 0.58 lbs

PRELIMINARY ISSUE

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CHECKED	KPT	DRAWING NO.	REV. A6
MFG. APPR.	DD	<b>D5795</b>	SHEET 3 OF 6
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT LID ASSY</b>	NTS
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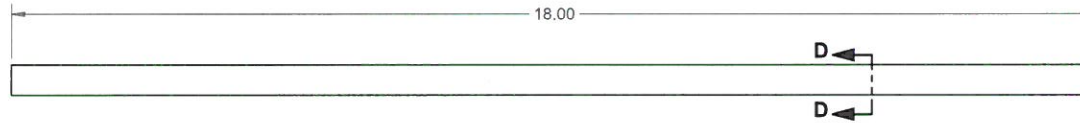
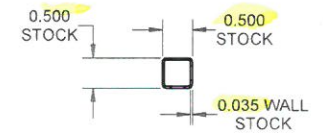
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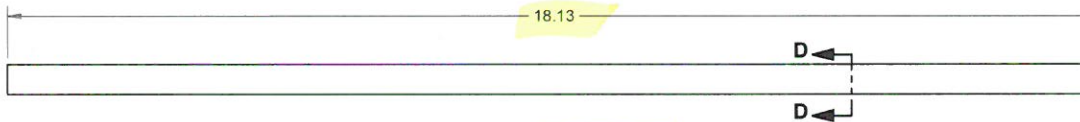
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**D5795-11 STRINGER****SECTION D-D**

C

C

**D5795-13 STRINGER**

B

B

**PRELIMINARY ISSUE****PRELIMINARY ISSUE****NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6370/6361/6362/6373/6374  
REF DART SPEC M4130N-TS
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -11/-13: 0.32 lbs

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A6
MFG. APPR.	DD	<b>D5795</b>	SHEET 4 OF 6
APPROVED		TITLE	SCALE
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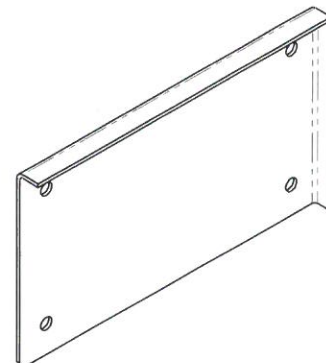
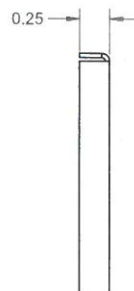
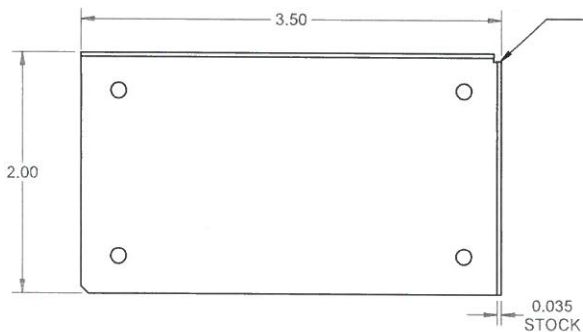
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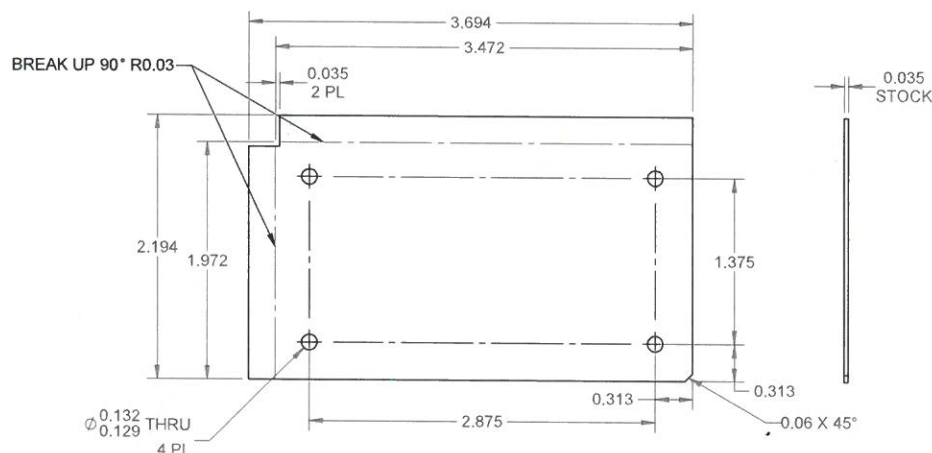
A

A





**D5795-15 PLACARD BRACKET**  
(DERIVED FROM AERO DESIGN P/N 36204-10)  
(MAKE FROM D5795-15F)



**D5795-15F FLAT PATTERN**

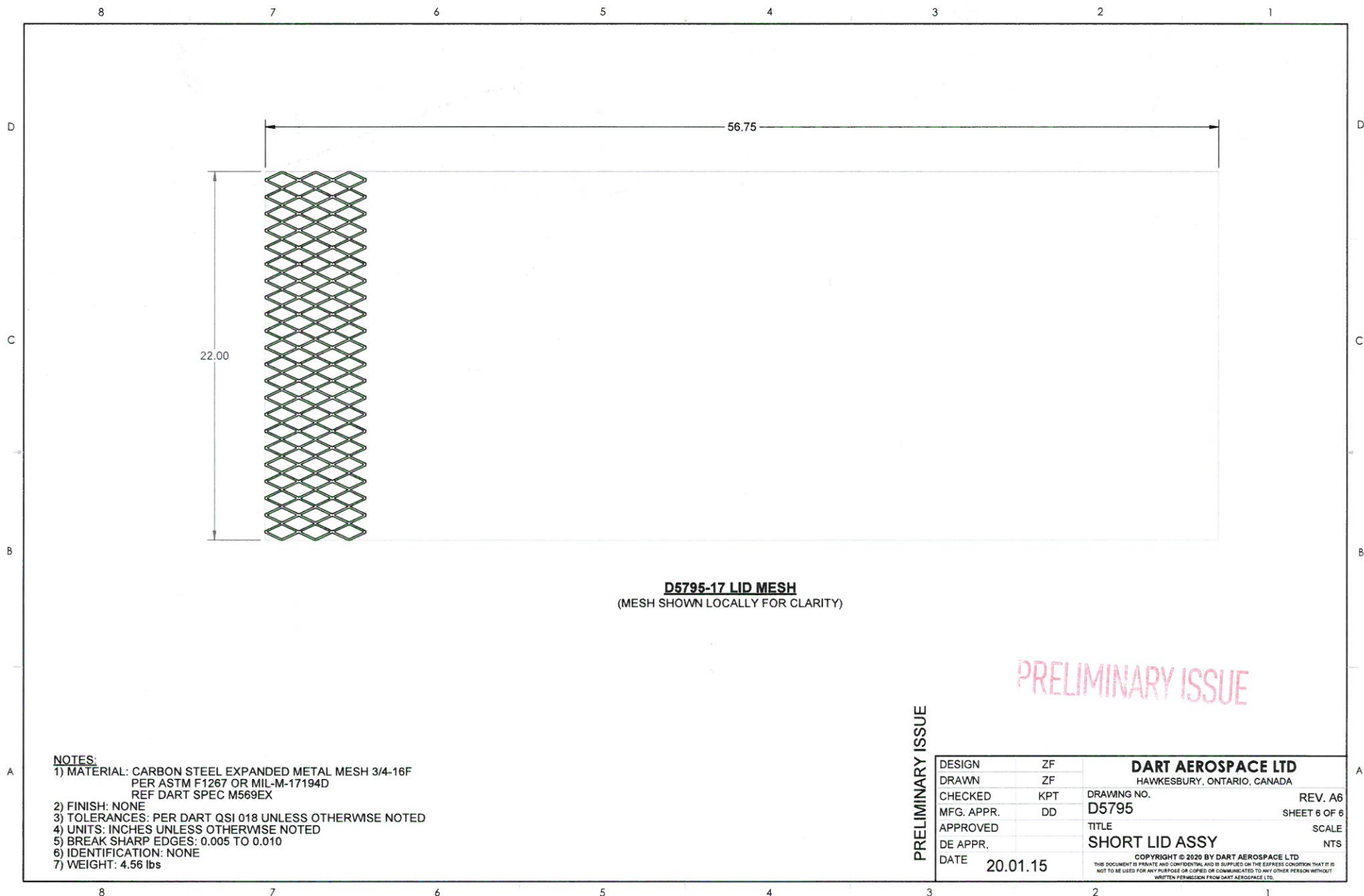
**NOTES:**

- 1) MATERIAL: AISI 1010/1025 STEEL SHEET, COLD ROLLED, #20GA (0.035 THICK)  
PER ASTM A36/A366/A568/A1008 OR CSA G40-21 38W/44W/50W/60W/70W  
REF DART SPEC M1010-S
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.08 lbs

PRELIMINARY ISSUE

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	KPT	DRAWING NO.	REV. A6
MFG. APPR.	DD	<b>D5795</b>	SHEET 5 OF 6
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT LID ASSY</b>	NTS
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**NOTES:**

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F  
PER ASTM F1267 OR MIL-M-17194D  
REF DART SPEC M569EX
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 4.56 lbs

PRELIMINARY ISSUE

DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
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MFG. APPR.	DD	<b>D5795</b>	SHEET 6 OF 6
APPROVED		TITLE	SCALE
DE APPR.		<b>SHORT LID ASSY</b>	NTS
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PRELIMINARY ISSUE





Wednesday, March 30, 2016 4:08:07 PM

All amounts are calculated in domestic currency.

All Item ID/GLW/Os All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Ins Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Assn Date Equip	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	M/RB Qty/ M/RB Reject Qty	Book Am.
VendorID\Vendor Name			VC-MET002	Metaux Solutions							
PO31706	1		M4130NTS0.500W.0 f 35	f	3/24/2016	3/30/2016	195.2500	\$8.57	0.0006	0	\$1,673.76
CAD	No		4130 Square tube .500 x .500 x .035w m134588	f	195.2500	PLOU01		\$1,673.76	0.0000	0	
	2		71401-45		3/24/2016	3/30/2016	1.0000	\$0.00	0.0000	0	\$0.00
	No		procurement quality clauses m134588		1.0000	PLOU01		\$0.00	0.0000	0	
Total Received Quantity:											196.2500
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$1,673.76
Total Balance Due Quantity:											0.0000



## Shipping Order

23/03/2016

METAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7 Tel.: 450 641-3330

Order : 113923  
Reference : 31706  
Bid : 17262  
Ship : PICK UP / PICK UP

Customer: 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

## Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Deliver	B/O Qty
MSQT121200541 10	4130N SQ TUB 1/2 X 1/2 X .035 WALL	195.25	195.25	

1 x 17.75

HT:590871

APPEL JOURNEY QUAND PRET  
JP

8/16-03-30

Shipping :  
Package No :  
Merchandise Received:

Ref. :

# CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 01 of 02

Certification Date  
22-MAR-2016

CUSTOMER ORDER NUMBER  
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number  
T351697

39760-J  
PART NUMBER/NUMÉRO DE PIÈCE

105076

SOLD TO: METAUX SOLUTIONS INC.  
VENDU À:

SHIP TO:  
EXPÉDIÉ À:

METAUX SOLUTIONS (RIVE-SUD)

2625 BOUL JACQUES CARTIER EST  
LONGUEUIL QC J4N 1L7

2625 BOUL JACQUES CARTIER EST  
LONGUEUIL QC J4N 1

Description: 4130 CDS TUBING AMS T 6736 COND N;  
.500 X .500 X .075 W X 17/24' R/L Line Total: 195.2 FT  
HEAT: 590872 ITEM: 105076

## Specifications:

AMS T 6736 B

MIL T 6736 B

AMS 6360 M

ANNEAL: COND N

FAR 52.225-1

DEARS 252.225-7001

FAR 52.225-5

ASTM A450

ASTM E112

AMS 2640 J

ASTM E1444

AMS 2301

## CHEMICAL ANALYSIS

C	SI	P	S	SI	AL	CR	MO
0.31	0.34	0.007	0.002	0.24	0.034	0.88	0.17
NI	PB	CU	V	TI	SN		
0.07	0.001	0.16	0.002	0.002	0.01		

RCPT: R760779

COUNTRY OF ORIGIN : GERMANY

## MECHANICAL PROPERTIES

DESCRIPTION	YLD STR	ULT TEN	%ELONG	%RED	HARDNESS
	PSI	PSI	IN 02 IN	IN AREA	RB
	118530.0	123360.0	20.0		97
	111790.0	115590.0	20.0		97
	115833.0	1109817.0	20.0		97

GRAIN SIZE : 9

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on the subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. /We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE  
GÉRAINT DE L'ASSURANCE QUALITÉ



# CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 02 of 02

Certification Date  
22-MAR-2016

CUSTOMER ORDER NUMBER  
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number  
T351697

39760-J  
PART NUMBER/NUMÉRO DE PIÈCE  
105076

SOLD TO: METAUX SOLUTIONS INC.  
VENDU À:

SHIP TO:  
EXPÉDIÉ À:

METAUX SOLUTIONS (RIVE-SUD)

2625 BOUL JACQUES CARTIER EST  
LONGUEUIL QC J4N 1L7

2625 BOUL JACQUES CARTIER EST  
LONGUEUIL QC J4N 1

Description: 4130 CDS TUBING AMS T 6736 COND N;  
.500 X .500 X .035 W X 17/24' R/L Line Total: 195.2 FT  
HEAT: 590871 ITEM: 105076

EDDY CURRENT: YES

DECARB: OK

AMS NO: 2301

SEVERITY: 0.039

FREQUENCY: 0.02

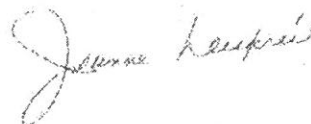
## COMMENTS

melt source boiler steel & tube - germany

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut. The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE  
GÉRANT DE L'ASSURANCE QUALITÉ

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MM30NT50.500 W.035

PO / BATCH NO.: P031706 / M154588

DATE: 11/13/13 16:03:31

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 200  
 QUANTITY INSPECTED: 200  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .035  
 THICKNESS RECEIVED: .035  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	AMS 6360
CORRECT REF # TO LINK CERT	(Y) N	HT 590871
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUCOMETER READING				

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY: <u>9</u>	SIGNED OFF BY: _____		
DATE: <u>16-03-20</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO31706

Purchase Order Date 3/15/2016

PO Print Date 3/15/2016

Page Number 1 of 2

Order From :  
METAUX SOLUTIONS  
2625 BOUL JACQUES-CARTIER EST  
LONGUEUIL, QC J4N 1L7  
CA

VC-MET002

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

MAR 15 2016  
E-MAILED

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	800 558 8858	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	Journey Freight ppd	FOB	Destination-Collect
Ship Acct:			

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M4130N1S1360W133	130 Square tube .500 x .500 x .035w	3/24/2016 Yes 3/24/2016		200.00 f 195.25	\$11.60	\$2,320.00
	MATERIAL: ASTM A312 TP304L TUBING AS PER MIL-T-6736 OR AMS 6360/6361/6362/6373/6374						
Line Total:							\$2,320.00
2	71401-45	procurement quality clauses	3/24/2016 No 3/24/2016		1.00	\$0.00	\$0.00
	Procurement Quality Clauses: A005 right of entry A012 chemical and physical test report A016 personnel qualification A017 raw material identification (as applicable) A026 certification of material conformance A041 quality management system A042 dart notification by supplier A043 retention of quality document						

Sp 16-03-30

Note:

3/15/2016



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO31706**

Purchase Order Date 3/15/2016

PO Print Date 3/15/2016

Page Number 2 of 2

**Order From:**

VC-MET002

**Ship To:** DART AEROSPACE LTD

METAUX SOLUTIONS  
2625 BOUL JACQUES-CARTIER EST  
LONGUEUIL, QC J4N 1L7  
CA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone**

800 558 8808

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

freight prepaid

**Ship Acct:**

**Buyer**

**Customer POID**

**Customer Tax #**

**Terms**

**Currency**

**FOB**

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

**Line Total:** \$0.00

**PO Total:** \$2,320.00

SP16-03-30

u  
c2

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

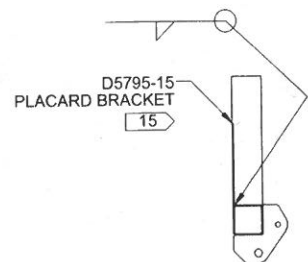
Change Nbr:

1

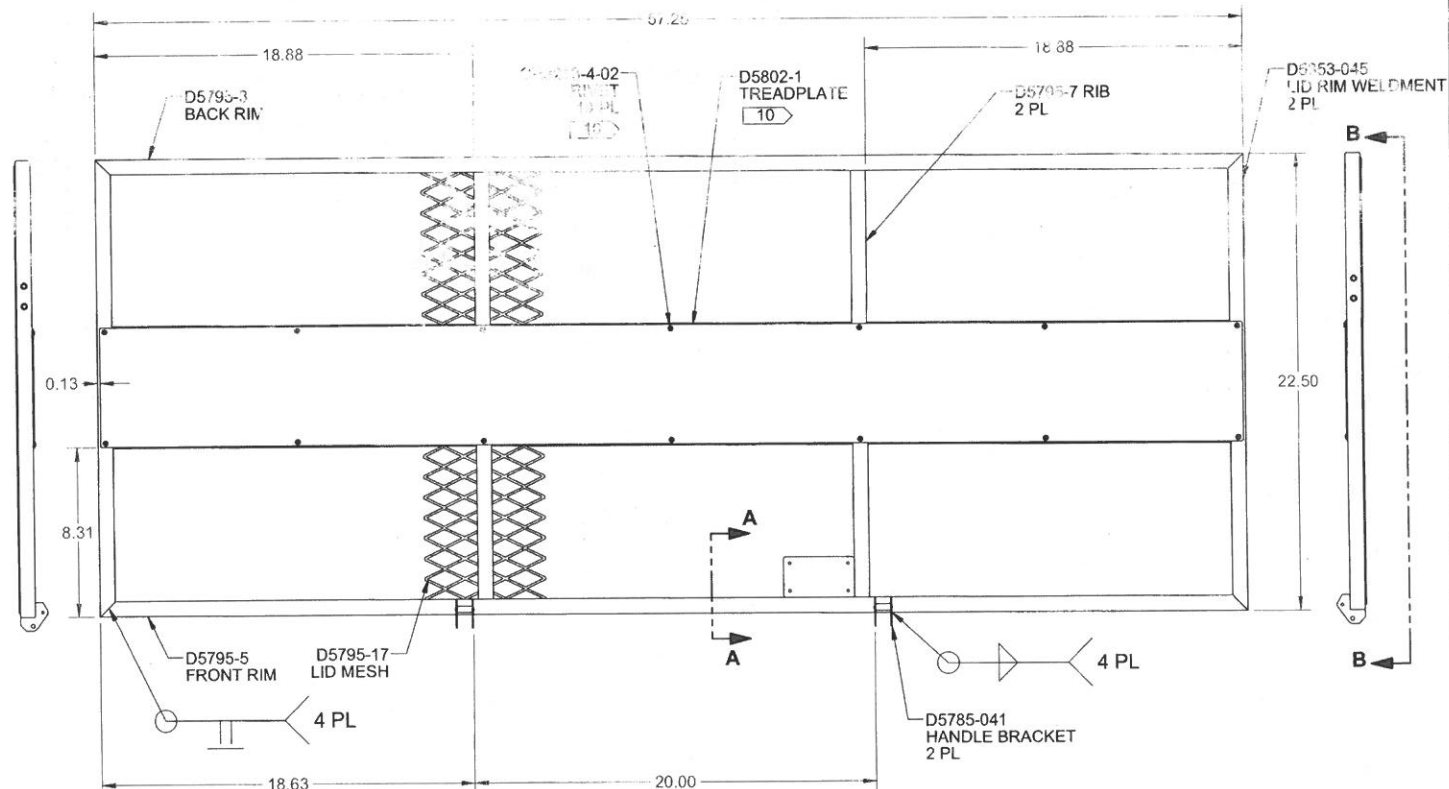
Change Date: 3/15/2016



QTY 144	P/N	DESCRIPTION
X	D5795-041	SHORT LID ASSY
2	D5785-041	HANDLE BRACKET
1	D5795-3	BACK RIM
1	D5795-5	FRONT RIM
2	D5795-7	RIB
2	D5795-11	STRINGER
2	D5795-13	STRINGER
1	D5795-15	PLACARD BRACKET
1	D5795-17	LID MESH
1	D5802-1	TREADPLATE
2	D5853-045	LID RIM WELDMENT
14	CR3213-4-02	RIVET



**SECTION A-A**  
SCALE 2X



**D5795-041 SHORT LID ASSY**  
(DERIVED FROM AERO DESIGN P/N 77612-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3.
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 14.14 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) INSTALL TREADPLATE AFTER FINISH. TRANSFER MARK AND DRILL HOLES Ø0.129 +0.003 / -0.000 FROM TREADPLATE TO LID. FAY SEAL TO SURFACES BETWEEN LID AND TREADPLATE WITH RTV SILICONE. SECURE TREADPLATE WITH RIVETS.
- 11) WELD EVERY MESH INTERSECTION ALONG RIM.
- 12) FOR EACH RIB, WELD FIRST 5 MESH INTERSECTIONS DOWN EACH END, THEN EVERY 2ND MESH INTERSECTION MINIMUM.
- 13) FOR EACH STRINGER, WELD EVERY 2ND MESH INTERSECTION MINIMUM.
- 14) ALIGN STRINGERS TO TOP OF LID.
- 15) LOCATE D5795-15 PLACARD BRACKET FLUSH WITH BOTTOM OF LID. TRIM MESH TO CLEAR BRACKET LEAVING 0.25 OVERLAP. WELD MESH TO BRACKET.

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**RELEASED**

2020 FEB 18 NP  
ECN 2020-521

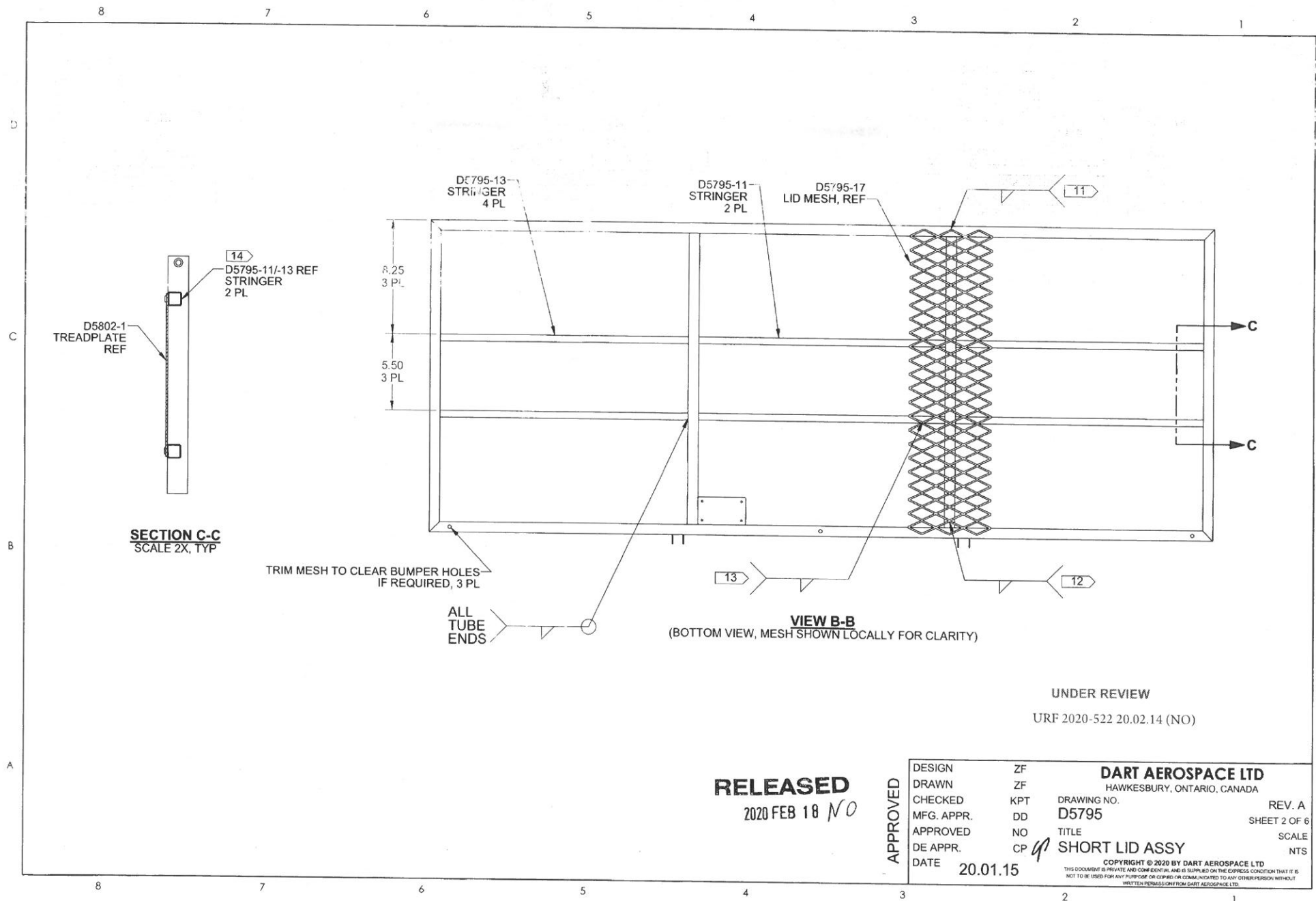
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DESIGN	ZF		BY	DATE
DRAWN	ZF			
CHECKED	KPT			
MFG. APPR.	DD			
APPROVED	NO			
DE APPR.	CP			
DATE	20.01.15			

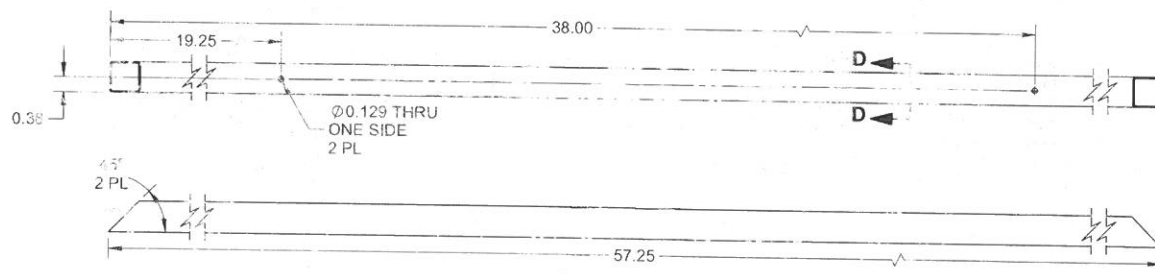
APPROVED

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

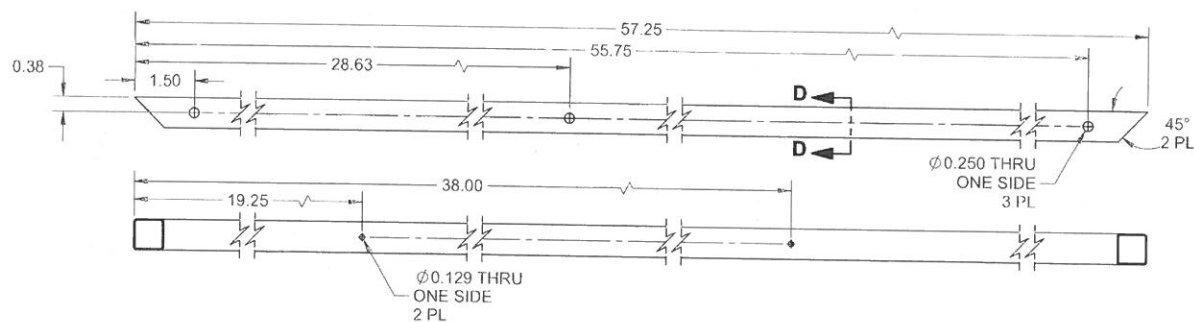
DRAWING NO. **D5795**  
TITLE **SHORT LID ASSY**  
REV. A  
SHEET 1 OF 6  
SCALE  
NTS

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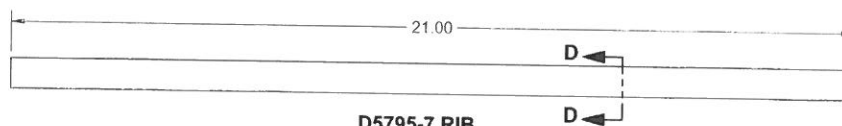




**D5795-3 BACK RIM**



**D5795-5 FRONT RIM**



**D5795-7 RIB**

**SECTION D-D**

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374  
REF DART SPEC M4130N-TS0.750W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -3/-5: 1.55 lbs  
-7: 0.58 lbs

**RELEASED**

2020 FEB 18 *NO*

APPROVED

DESIGN ZF  
DRAWN ZF  
CHECKED KPT  
MFG. APPR. DD  
APPROVED NO  
DE APPR. CP  
DATE 20.01.15

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

**D5795**

TITLE

**SHORT LID ASSY**

REV. A

SHEET 3 OF 6

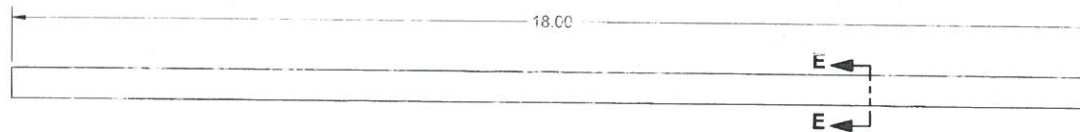
SCALE

NTS

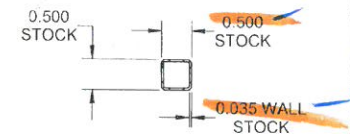
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8 7 6 5 4 3 2 1



**D5795-11 STRINGER**



**SECTION E-E**



**D5795-13 STRINGER**

DAS  
9  
9-89

UNDER REVIEW

URI: 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374  
REF DART SPEC M4130N-TS0.500W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -11/-13: 0.32 lbs

**RELEASED**  
2020 FEB 18 NO

APPROVED

DESIGN ZF  
DRAWN ZF  
CHECKED KPT  
MFG. APPR. DD  
APPROVED NO  
DE APPR. CP  
DATE 20.01.15

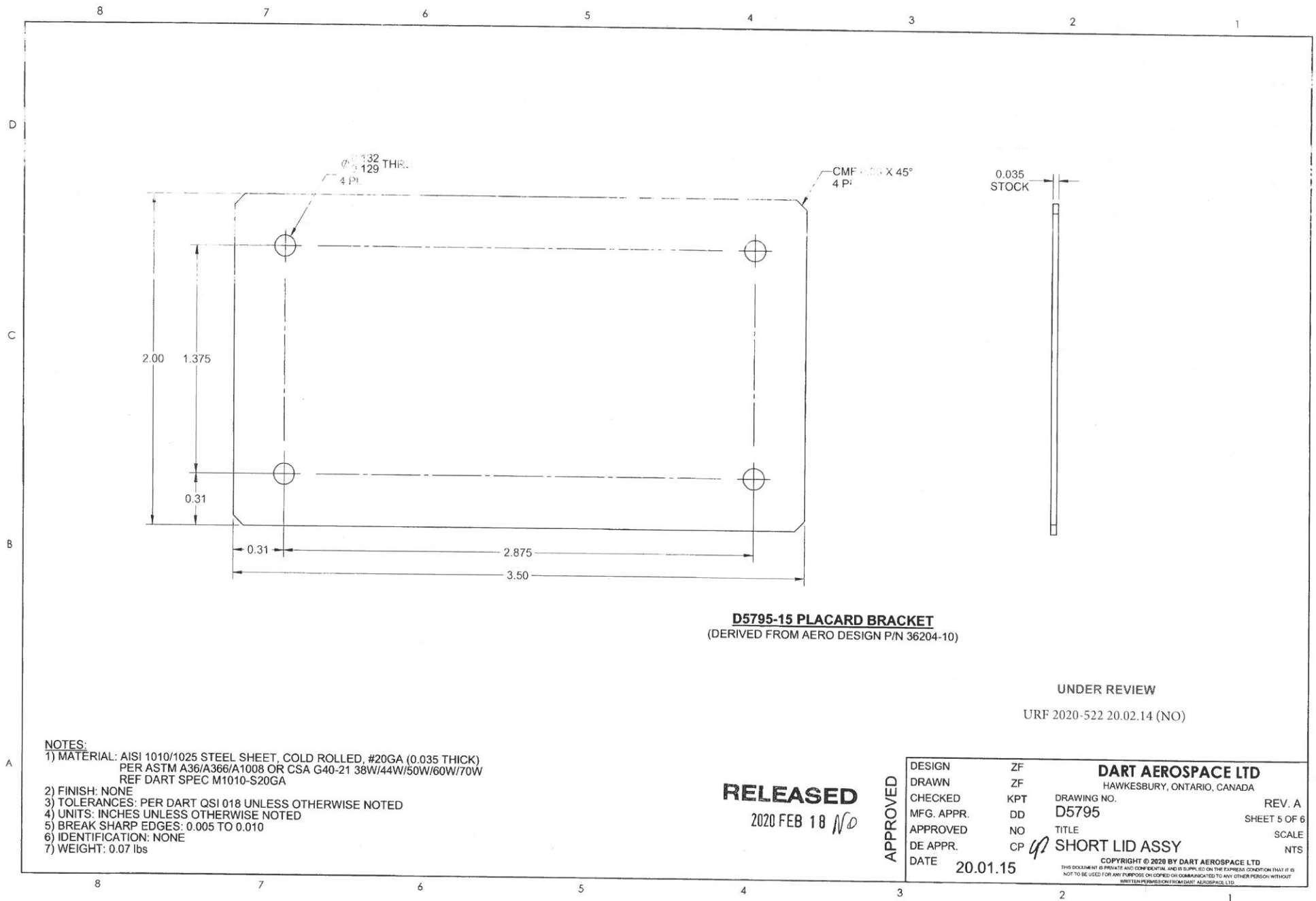
**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.  
**D5795**  
TITLE  
**SHORT LID ASSY**

REV. A  
SHEET 4 OF 6  
SCALE  
NTS

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8 7 6 5 4 3 2 1



**D5795-15 PLACARD BRACKET**  
(DERIVED FROM AERO DESIGN P/N 36204-10)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: AISI 1010/1025 STEEL SHEET, COLD ROLLED, #20GA (0.035 THICK)  
PER ASTM A36/A366/A1008 OR CSA G40-21 38W/44W/50W/60W/70W  
REF DART SPEC M1010-S20GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.07 lbs

**RELEASED**  
2020 FEB 18 *ND*

APPROVED

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	<b>D5795</b>	SHEET 5 OF 6
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	<b>SHORT LID ASSY</b>	NTS
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22.00

56.75

**D5795-17 LID MESH**  
(MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

**NOTES:**

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F  
PER ASTM F1267 OR MIL-M-17194D  
REF DART SPEC M569EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 4.56 lbs

**RELEASED**

2020 FEB 18 *NO*

APPROVED

DESIGN	ZF	<b>DART AEROSPACE LTD</b>	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	<b>D5795</b>	SHEET 6 OF 6
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	<b>SHORT LID ASSY</b>	NTS
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**ENGINEERING CHANGE NOTICE**  
**DART AEROSPACE LTD**

Date:	2020.02.14	Job No.:	Aero2019	ADR Yes/No:	N	ADR Date:		ECN #:	2020 521
Product No.:	D350-1080 baskets			Created By:	NO	Approved By:	<i>AP</i>		
Product Name:	Quick Release Cargo Baskets			Checked By:					

**Reason for Change:**

D350-1080 Baskets Limited Release #1

**Documents Released:**

D5785 at Rev A, D5795 at Rev A, D5794 at Rev A, D5770 at Rev A, D5815 at Rev A, M304 TS at Rev E, M3003H22TP at Rev A, D5806 at Rev A, M302SW at Rev B, D5759 at Rev A, D5805 at Rev A, D5803 at Rev A, D5853 at Rev A, D5765 at Rev A, D5760 at Rev A, D5761 at Rev A, D5802 at Rev A, D5808 at Rev A, D5810 at Rev A.

IF APPLICABLE: NCR: \_\_\_\_\_ PAR: \_\_\_\_\_ CAR: \_\_\_\_\_ CIR: \_\_\_\_\_ URF: 2020-522

PAPERWORK UPDATE



PARTS MUST COMPLY



PREVIOUS PARTS SATISFACTORY



#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Internal Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	Y	NO	ALL RELEASED PARTS PLACED UNDER REVIEW	<i>met 20.02.18</i>
6	Update Master Document List (MDL)	N		NO MDL/STC FOR THESE PARTS AT THIS TIME	
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MG		<i>met 20.02.18</i>
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	MG		<i>met 20.02.18</i>
14	Update Product Development Summary (STC applications)	N			
15	Update OSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MG		<i>met 20.02.18</i>
17	Update / Verify Authorized Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N		NO TOP LEVELS AT THIS RELEASE	
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Opulse) Database	Y	MG	<i>No dwgs at suppliers</i>	<i>met 20.02.18</i>
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DS1 / DEO Master Binders	Y	MG		<i>met 20.02.18</i>
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

**Description / Action:**

Releasing first batch of D350-1080 basket drawing updates for production under Limited Release per QSI 040.

Place all parts under review, Engineering to sign off work orders for on risk production

No STC for these parts at this time

No nine digit BOMS/ROUTES/CHG#S for this release

Previous Parts Satisfactory for M Drawing updates. M Drawings not under Review

ECN Verified & Complete: \_\_\_\_\_

Date: \_\_\_\_\_